

Guinyun Kim

List of Publications by Year in descending order

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Version: 2024-02-01

327
papers

11,304
citations

46984

47
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33869

99
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all docs

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docs citations

338
times ranked

9802
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Inclusive and differential cross section measurements of single top quark production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1. | 1.6 | 6 |
| 2 | Search for flavor-changing neutral current interactions of the top quark and the Higgs boson decaying to a bottom quark-antiquark pair at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1. | 1.6 | 5 |
| 3 | Search for long-lived particles decaying to leptons with large impact parameter in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 153. | 1.4 | 14 |
| 4 | Study of dijet events with large rapidity separation in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2022, 2022, 1. | 1.6 | 1 |
| 5 | Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 290. | 1.4 | 18 |
| 6 | Search for supersymmetry in final states with two or three soft leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1. | 1.6 | 13 |
| 7 | Search for long-lived particles decaying into muon pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV collected with a dedicated high-rate data stream. Journal of High Energy Physics, 2022, 2022, . | 1.6 | 5 |
| 8 | Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1. | 1.6 | 12 |
| 9 | Search for a heavy resonance decaying into a top quark and a W boson in the lepton+jets final state at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1. | 1.6 | 2 |
| 10 | Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1. | 1.6 | 6 |
| 11 | Excitation functions of proton-induced reactions on natW target for rhenium isotope production. Radiation Physics and Chemistry, 2022, 196, 110145. | 1.4 | 1 |
| 12 | Measurement and QCD analysis of double-differential inclusive jet cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1. | 1.6 | 5 |
| 13 | Search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1. | 1.6 | 5 |
| 14 | Measurement of the inclusive $\overline{t}t$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1. | 1.6 | 2 |
| 15 | Search for heavy resonances decaying to a pair of Lorentz-boosted Higgs bosons in final states with leptons and a bottom quark pair at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, . | 1.6 | 2 |
| 16 | Search for higgsinos decaying to two Higgs bosons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, . | 1.6 | 4 |
| 17 | Photo-neutron cross-section of natGd in the bremsstrahlung end-point energies of 12-16 MeV and 60-70 MeV. European Physical Journal A, 2022, 58, . | 1.0 | 3 |
| 18 | Observation of $B^0 \rightarrow \psi(2S)K^0_{\text{S}}$ and $B^0_{\text{S}} \rightarrow \psi(2S)K^0_{\text{S}}$ decays. European Physical Journal C, 2022, 82, . | 1.4 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | The Alpha Magnetic Spectrometer (AMS) on the international space station: Part II – Results from the first seven years. Physics Reports, 2021, 894, 1-116. | 10.3 | 160 |
| 20 | Search for dark matter produced in association with a leptonically decaying Z boson in proton–proton collisions at $\sqrt{s}=13, \text{ext \{TeV\}}$. European Physical Journal C, 2021, 81, 13. | 1.4 | 33 |
| 21 | Experimental search for Non-Newtonian forces in the nanometer scale with slow neutrons. AIP Conference Proceedings, 2021, , . | 0.3 | 1 |
| 22 | Search for top squark pair production using dilepton final states in pp collision data collected at $\sqrt{s}=13, \text{ext \{TeV\}}$. European Physical Journal C, 2021, 81, 3. | 1.4 | 33 |
| 23 | Measurements of $pp \rightarrow ZZ$ production cross sections and constraints on anomalous triple gauge couplings at $\sqrt{s} = 13, \text{ext \{TeV\}}$. European Physical Journal C, 2021, 81, 200. | 1.4 | 24 |
| 24 | Development and validation of HERWIG ⁷ tunes from CMS underlying-event measurements. European Physical Journal C, 2021, 81, 312. | 1.4 | 12 |
| 25 | Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at $\sqrt{s} = 13, \text{ext \{TeV\}}$. European Physical Journal C, 2021, 81, 378. | 1.4 | 40 |
| 26 | Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton–proton collisions at $\sqrt{s} = 13, \text{ext \{TeV\}}$. European Physical Journal C, 2021, 81, 488. | 1.4 | 35 |
| 27 | Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at $\sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2021, 2021, 1. | 1.6 | 27 |
| 28 | MUSIC: a model-unspecific search for new physics in proton–proton collisions at $\sqrt{s} = 13, \text{ext \{TeV\}}$. European Physical Journal C, 2021, 81, 629. | 1.4 | 18 |
| 29 | Search for a heavy vector resonance decaying to a Z boson and a Higgs boson in proton-proton collisions at $\sqrt{s} = 13, \text{ext \{TeV\}}$. European Physical Journal C, 2021, 81, 688. | 1.4 | 9 |
| 30 | Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton–proton collisions at $\sqrt{s} = 13, \text{ext \{TeV\}}$. European Physical Journal C, 2021, 81, 723. | 1.4 | 19 |
| 31 | Measurement of cross sections of Zr-isotopes with the fast neutrons based on the ${}^9\text{Be}(p, n)$ reaction. European Physical Journal A, 2021, 57, 1. | 1.0 | 0 |
| 32 | Measurements of angular distance and momentum ratio distributions in three-jet and Z + two-jet final states in pp collisions. European Physical Journal C, 2021, 81, 852. | 1.4 | 2 |
| 33 | Precision luminosity measurement in proton–proton collisions at $\sqrt{s} = 13, \text{ext \{TeV\}}$ in 2015 and 2016 at CMS. European Physical Journal C, 2021, 81, 800. | 1.4 | 123 |
| 34 | Combined searches for the production of supersymmetric top quark partners in proton–proton collisions at $\sqrt{s} = 13, \text{ext \{TeV\}}$. European Physical Journal C, 2021, 81, 970. | 1.4 | 18 |
| 35 | Periodicities in the Daily Proton Fluxes from 2011 to 2019 Measured by the Alpha Magnetic Spectrometer on the International Space Station from 1 to 100AGV. Physical Review Letters, 2021, 127, 271102. | 2.9 | 27 |
| 36 | Excitation functions for the formation of ${}^{90}\text{Nb}$, ${}^{91}\text{mNb}$ and ${}^{92}\text{mNb}$ in the ${}^{\text{nat}}\text{Zr}(p, x)$ reactions. European Physical Journal A, 2021, 57, 1. | 1.0 | 0 |

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|----|--|-----|-----------|
| 37 | Flux-weighted average cross sections of medical isotopes in the $^{127}\text{I}(\hat{p},x_n)$ reactions with the bremsstrahlung end-point energies of 50 and 70 MeV. Applied Radiation and Isotopes, 2020, 156, 108842. | 0.7 | 0 |
| 38 | Measurement of activation cross-sections of $\text{natDy}(p,x)$ reactions up to 45 MeV. Nuclear Instruments & Methods in Physics Research B, 2020, 464, 74-83. | 0.6 | 2 |
| 39 | Performance of the reconstruction and identification of high-momentum muons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of Instrumentation, 2020, 15, P02027-P02027. | 0.5 | 27 |
| 40 | Excitation functions and thick target yields of the $^{90}\text{Zr}(p,n)^{90}\text{Y}$ reaction. European Physical Journal A, 2020, 56, 1. | 1.0 | 2 |
| 41 | Measurement of yield ratios for the isomeric pair $^{137\text{m,g}}\text{Ce}$ in the $^{141}\text{Pr}(\hat{p},x)^{137\text{m,g}}\text{Ce}$ reactions with bremsstrahlung end-point energies of 50-, 60-, and 70-MeV. Radiation Physics and Chemistry, 2020, 176, 109016. | 1.4 | 3 |
| 42 | Measurement of flux-weighted average cross sections of $^{110\text{m,g}}\text{In}$ with bremsstrahlung. European Physical Journal A, 2020, 56, 1. | 1.0 | 2 |
| 43 | Production cross-sections of Mo-isotopes induced by fast neutrons based on the $^9\text{Be}(p,n)$ reaction. European Physical Journal Plus, 2020, 135, 1. | 1.2 | 2 |
| 44 | Performance of the CMS Level-1 trigger in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of Instrumentation, 2020, 15, P10017-P10017. | 0.5 | 84 |
| 45 | Search for direct top squark pair production in events with one lepton, jets, and missing transverse momentum at 13 TeV with the CMS experiment. Journal of High Energy Physics, 2020, 2020, 1. | 1.6 | 21 |
| 46 | Photo-neutron cross-section of ^{161}Dy in the bremsstrahlung end-point energies of 12, 14, 16, 65, and 75 MeV. European Physical Journal A, 2020, 56, 1. | 1.0 | 1 |
| 47 | Measurement of top quark pair production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1. | 1.6 | 20 |
| 48 | Properties of Neon, Magnesium, and Silicon Primary Cosmic Rays Results from the Alpha Magnetic Spectrometer. Physical Review Letters, 2020, 124, 211102. | 2.9 | 58 |
| 49 | Search for direct pair production of supersymmetric partners to the τ lepton in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 189. | 1.4 | 22 |
| 50 | Search for production of four top quarks in final states with same-sign or multiple leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 75. | 1.4 | 78 |
| 51 | Searches for physics beyond the standard model with the M_{T2} variable in hadronic final states with and without disappearing tracks in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 3. | 1.4 | 70 |
| 52 | Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. European Physical Journal C, 2020, 80, 4. | 1.4 | 198 |
| 53 | Measurements of production cross-sections of medical radioisotopes (^{57}Ni , $^{55,57,58}\text{Co}$, ^{54}Mn , ^{51}Cr) and other by-products (^{56}Ni , ^{56}Co , ^{56}Mn) from the $^{59}\text{Co}(p,x)$ reactions. Nuclear Instruments & Methods in Physics Research B, 2020, 466, 102-109. | 0.6 | 1 |
| 54 | Measurement of the thermal neutron cross section and resonance integral of the $^{187}\text{Re}(n,\hat{p})^{188}\text{Re}$ reaction. European Physical Journal Plus, 2020, 135, 1. | 1.2 | 1 |

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|----|---|-----|-----------|
| 55 | Measurement of $\text{natNi}(\hat{1}^3, \text{xn})57,56\text{Ni}$ and $\text{natNi}(\hat{1}^3, \text{pxn})58\hat{1}^355\text{Co}$ reaction cross sections in bremsstrahlung with end-point energies of 65 and 75 MeV. Journal of Radioanalytical and Nuclear Chemistry, 2020, 324, 837-846. | 0.7 | 4 |
| 56 | Search for dark matter particles produced in association with a Higgs boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1. | 1.6 | 14 |
| 57 | Resonance parameters of Gd isotopes derived from capture measurements at GELINA. European Physical Journal A, 2020, 56, 1. | 1.0 | 3 |
| 58 | Integrated Cross Sections of the Photo-Neutron Reactions Induced on (^{197}Au) with 60 (ext{MeV}) Bremsstrahlung. Communications in Physics, 2020, 30, 49. | 0.0 | 2 |
| 59 | Quenching of $\hat{1}^3$ transition results from 2p-1h doorway mechanism by p-wave neutron excitation *. Chinese Physics C, 2020, 44, 104002. | 1.5 | 0 |
| 60 | Search for dark matter produced in association with a single top quark or a top quark pair in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1. | 1.6 | 17 |
| 61 | Mass yield distributions in the $\text{Th}232(\text{n},\text{f})$ reaction with fast neutrons. Physical Review C, 2019, 100, . | 1.1 | 4 |
| 62 | Measurement of half-lives for 87m,gY and $196\text{m,g,}194\text{Au}$ produced from the photon and neutron induced reactions of 89Y and 197Au . Journal of Radioanalytical and Nuclear Chemistry, 2019, 321, 765-773. | 0.7 | 1 |
| 63 | Properties of Cosmic Helium Isotopes Measured by the Alpha Magnetic Spectrometer. Physical Review Letters, 2019, 123, 181102. | 2.9 | 40 |
| 64 | Isomeric yield ratio of 196m, gAu in the $197\text{Au}(\text{n}, 2\text{n})$ reaction with fast neutron based on the $9\text{Be}(\text{p}, \text{n})$ reaction. European Physical Journal A, 2019, 55, 1. | 1.0 | 2 |
| 65 | Recommended nuclear data for medical radioisotope production: diagnostic positron emitters. Journal of Radioanalytical and Nuclear Chemistry, 2019, 319, 533-666. | 0.7 | 49 |
| 66 | Search for the pair production of light top squarks in the $e^+e^- \rightarrow t\bar{t}$ final state in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1. | 1.6 | 5 |
| 67 | Measurements of the $pp \rightarrow WZ$ inclusive and differential production cross sections and constraints on charged anomalous triple gauge couplings at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1. | 1.6 | 14 |
| 68 | Measurement of the $\sigma(\text{pp} \rightarrow t\bar{t})$ production cross section, the top quark mass, and the strong coupling constant using dilepton events in pp collisions at. European Physical Journal C, 2019, 79, 368. | 1.4 | 68 |
| 69 | Measurement of cross sections for the formation of 100gRh in $\text{natPd}(\text{p},\text{x})100\text{m,gRh}$ reactions up to 42.61 MeV. Journal of Radioanalytical and Nuclear Chemistry, 2019, 321, 117-123. | 0.7 | 2 |
| 70 | Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 280. | 1.4 | 29 |
| 71 | Search for $\sigma(\text{pp} \rightarrow t\bar{t})$ production in the $\text{H} \rightarrow \text{bb}$ decay channel with leptonic $t\bar{t}$ decays in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1. | 1.6 | 28 |
| 72 | Search for heavy resonances decaying into two Higgs bosons or into a Higgs boson and a W or Z boson in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2019, 2019, 1. | 1.6 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Measurement of the differential Drell-Yan cross section in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1. | 1.6 | 18 |
| 74 | Photo-neutron reaction cross-sections of ^{59}Co in the bremsstrahlung end-point energies of 65 and 75 MeV. European Physical Journal A, 2019, 55, 1. | 1.0 | 4 |
| 75 | Recommended nuclear data for medical radioisotope production: diagnostic gamma emitters. Journal of Radioanalytical and Nuclear Chemistry, 2019, 319, 487-531. | 0.7 | 39 |
| 76 | Measurements of differential Z boson production cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1. | 1.6 | 28 |
| 77 | Yield ratios of the isomeric pair $^{85\text{m,g}}\text{Sr}$ formed in $\text{nat Sr}(^{13}\text{xn})$ reactions. Radiation Physics and Chemistry, 2018, 149, 54-60. | 1.4 | 3 |
| 78 | Measurements of the thermal neutron cross-section and resonance integral for the $^{108}\text{Pd}(n,^{13})^{109}\text{Pd}$ reaction. Nuclear Instruments & Methods in Physics Research B, 2018, 424, 37-42. | 0.6 | 5 |
| 79 | Studies on excitation functions of alpha-induced reactions on natFe from threshold to 45 MeV. European Physical Journal A, 2018, 54, 1. | 1.0 | 1 |
| 80 | Measurement of isomeric yield ratios of ^{86}Y and ^{87}Y in the quasi-monoenergetic neutron induced reactions of ^{89}Y . Nuclear Physics A, 2018, 970, 411-421. | 0.6 | 5 |
| 81 | Measurements of neutron total cross-section of natural silver in the energy region from 0.01 to 10 eV. Journal of the Korean Physical Society, 2018, 72, 17-20. | 0.3 | 0 |
| 82 | Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 291. | 1.4 | 27 |
| 83 | Measurements of the $\text{pp} \rightarrow \text{ZZ}$ production cross section and the $\text{Z} \rightarrow 4\ell$ branching fraction, and constraints on anomalous triple gauge couplings at. European Physical Journal C, 2018, 78, 165. | 1.4 | 52 |
| 84 | Search for electroweak production of charginos and neutralinos in multilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1. | 1.6 | 63 |
| 85 | Measurement of ^{99}Mo production cross-section from the $^{100}\text{Mo}(n,2n)$ reaction with quasi monoenergetic neutron based on the $^9\text{Be}(p,n)$ reaction. Journal of Radioanalytical and Nuclear Chemistry, 2018, 316, 561-569. | 0.7 | 2 |
| 86 | Photon activation analysis of NIST SRM sediment sample using the electron linear accelerator at Pohang Accelerator Laboratory. Journal of Radioanalytical and Nuclear Chemistry, 2018, 316, 1139-1144. | 0.7 | 1 |
| 87 | Measurements of excitation functions of ^{13}C -particle induced reactions on ^{61}Ni : possibility of production of the medical isotopes ^{61}Cu and ^{67}Cu . Radiochimica Acta, 2018, 106, 87-93. | 0.5 | 6 |
| 88 | Neutron-induced reaction cross-sections of ^{93}Nb with fast neutron based on $^9\text{Be}(p,n)$ reaction. Nuclear Physics A, 2018, 970, 156-168. | 0.6 | 5 |
| 89 | Neutron capture yields and resonance parameters of dysprosium isotopes measured at Japan Proton Accelerator Research Complex. European Physical Journal A, 2018, 54, 1. | 1.0 | 2 |
| 90 | Search for $\text{t}\bar{\text{t}}\text{H}$ production in the all-jet final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1. | 1.6 | 20 |

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|----|--|-----|-----------|
| 91 | Search for heavy resonances decaying into a vector boson and a Higgs boson in final states with charged leptons, neutrinos and b quarks at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1. | 1.6 | 11 |
| 92 | Search for decays of stopped exotic long-lived particles produced in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1. | 1.6 | 12 |
| 93 | Measurements of Higgs boson properties in the diphoton decay channel in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1. | 1.6 | 57 |
| 94 | Measurement of excitation functions of residual radionuclides from natTi(p,x) reactions up to 44 MeV. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 2049-2057. | 0.7 | 5 |
| 95 | Search for $Z\bar{1}^3$ resonances using leptonic and hadronic final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1. | 1.6 | 17 |
| 96 | Search for black holes and sphalerons in high-multiplicity final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1. | 1.6 | 14 |
| 97 | Measurement of differential cross sections for Z boson production in association with jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 965. | 1.4 | 39 |
| 98 | Studies of $B_s^* \rightarrow B_s \gamma$ and $B_s^* \rightarrow B_s \pi$ and $B_s^* \rightarrow B_s \rho$ | | |

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|-----|---|-----|-----------|
| 109 | Measurement of the inelastic proton-proton cross section at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1. | 1.6 | 62 |
| 110 | Search for high-mass resonances in dilepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1. | 1.6 | 86 |
| 111 | Flux weighted average cross-sections of $\text{natNi}(\hat{1}^3, x)$ reactions with the bremsstrahlung end-point energies of 55, 59, 61 and 65 MeV. Nuclear Physics A, 2018, 978, 173-186. | 0.6 | 6 |
| 112 | Measurement of cross sections and isomeric yield ratios for $110\text{m}, \text{gIn}$, $111\text{m}, \text{gIn}$ and $112\text{m}, \text{gIn}$ from $\text{natIn}(\gamma \hat{1}^3, xn)$ reactions in the bremsstrahlung end-point energies of 65-75 MeV. European Physical Journal A, 2018, 54, 1. | 1.0 | 0 |
| 113 | Excitation functions and cross section ratios for the formation of the isomeric pairs $102\text{m}, \text{g}; 101\text{m}, \text{g}; 99\text{m}, \text{gRh}$ in the $\text{natPd}(p, 2pxn)$ reactions. Nuclear Instruments & Methods in Physics Research B, 2018, 429, 1-8. | 0.6 | 5 |
| 114 | Excitation functions of $93\text{Nb}(p, x)$ reactions from threshold to $42.5 \text{ \AA} \text{MeV}$. Journal of Radioanalytical and Nuclear Chemistry, 2018, 317, 1021-1031. | 0.7 | 2 |
| 115 | Measurements of the $(\text{p}) \rightarrow \text{Z}$ production cross section and the $(\text{Z}) \rightarrow 4\ell$ branching fraction, and constraints on anomalous triple gauge couplings at $(\sqrt{s} = 13, \text{ext } \text{TeV})$. , 2018, 78, 1. | | 3 |
| 116 | Neutron transmission and capture measurements and analysis of Dy from 0.01 to $550 \text{ \AA} \text{eV}$. Progress in Nuclear Energy, 2017, 94, 126-132. | 1.3 | 6 |
| 117 | Measurement of flux-weight average cross-sections of $\text{nat Zn}(\hat{1}^3, xn)$ reactions in the bremsstrahlung end-point energies of 50, 55, 60, and 65 MeV. Nuclear Physics A, 2017, 960, 22-35. | 0.6 | 6 |
| 118 | Production cross sections of proton-induced reactions on yttrium. Nuclear Instruments & Methods in Physics Research B, 2017, 398, 1-8. | 0.6 | 9 |
| 119 | Thermal neutron cross-section and resonance integral of the $152 \text{ Sm}(n, \hat{1}^3) 153 \text{ Sm}$ reaction induced by pulsed neutrons. Radiation Physics and Chemistry, 2017, 139, 109-113. | 1.4 | 6 |
| 120 | Measurement and QCD analysis of double-differential inclusive jet cross sections in pp collisions at $s = 8 \sqrt{s}=8$ TeV and cross section ratios to 2.76 and 7 TeV. Journal of High Energy Physics, 2017, 2017, 1. | 1.6 | 54 |
| 121 | Measurement of the cross-sections of the $106\text{m}, \text{gAg}$, 105gAg , and $104\text{m}, \text{gAg}$ from the $\text{natAg}(n, x)$ reactions induced by neutrons with the energies of $14 \text{ \AA} \text{eV}$ – $37 \text{ \AA} \text{eV}$. Journal of Radioanalytical and Nuclear Chemistry, 2017, 313, 47-57. | 0.7 | 1 |
| 122 | Measurement of activation cross sections of the $^{27}\text{Al}(n, \hat{1}^{\pm})^{24}\text{Na}$ and $^{27}\text{Al}(n, p)^{27}\text{Mg}$ reactions with quasi-monoenergetic neutrons. Radiochimica Acta, 2017, 105, 593-599. | 0.5 | 3 |
| 123 | Measurement of isomeric yield ratios for the $110\text{Pd}(\hat{1}^3, n) 109\text{m}, \text{gPd}$ reaction. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 1559-1564. | 0.7 | 1 |
| 124 | Measurement of excitation functions of the $\text{natAg}(\hat{1}^{\pm}, x)$ reactions up to $45 \text{ \AA} \text{MeV}$. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 1971-1981. | 0.7 | 3 |
| 125 | Measurement of photo-neutron cross sections and isomeric yield ratios in the $^{89}\text{Y}(\hat{1}^3, \text{ix})^{89\text{a}} \text{Y}$ reactions at the bremsstrahlung end-point energies of 65, 70 and 75 MeV. Radiochimica Acta, 2017, 105, 789-799. | 0.5 | 2 |
| 126 | Measurement of activation cross sections for quasi-monoenergetic neutron induced reactions of ^{89}Y . European Physical Journal A, 2017, 53, 1. | 1.0 | 2 |

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|-----|---|-----|-----------|
| 127 | Neutron capture measurements and resonance parameters of dysprosium. European Physical Journal A, 2017, 53, 1. | 1.0 | 5 |
| 128 | Excitation function of alpha-particle-induced reactions on natNi from threshold to 44 MeV. European Physical Journal A, 2017, 53, 1. | 1.0 | 11 |
| 129 | Searches for pair production of third-generation squarks in $\sqrt{s}=13$ s = 13 TeV, ext {TeV} TeV pp collisions. European Physical Journal C, 2017, 77, 327. | 1.4 | 32 |
| 130 | Measurement of isomeric yield ratios of $^{99m,g};^{101m,g};^{102m,g}$ Rh in the nat Pd($\hat{1}^3,pxn$) reactions with the bremsstrahlung end-point energies of 50-70 MeV. Applied Radiation and Isotopes, 2017, 128, 148-153. | 0.7 | 3 |
| 131 | Search for direct production of supersymmetric partners of the top quark in the all-jets final state in proton-proton collisions at $s = 13 \sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1. | 1.6 | 22 |
| 132 | Search for top squark pair production in pp collisions at $s = 13 \sqrt{s}=13$ TeV using single lepton events. Journal of High Energy Physics, 2017, 2017, 1. | 1.6 | 31 |
| 133 | Observation of the Identical Rigidity Dependence of He, C, and O Cosmic Rays at High Rigidities by the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2017, 119, 251101. | 2.9 | 204 |
| 134 | Measurement of the $t \bar{t} \hat{A}^-$ production cross section using events with one lepton and at least one jet in pp collisions at $s = 13 \sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1. | 1.6 | 15 |
| 135 | Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at $s = 8 \sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1. | 1.6 | 29 |
| 136 | Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at $\sqrt{s} = 13$ s = 13 TeV, ext {TeV} TeV. European Physical Journal C, 2017, 77, 636. | 1.4 | 38 |
| 137 | Measurements of properties of the Higgs boson decaying into the four-lepton final state in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1. | 1.6 | 101 |
| 138 | Yield Ratios of the Isomeric Pair (179m,g)W Produced in the (nat)W(g,xn)(179m,g)W Reactions with 50-65 MeV Bremsstrahlung. Communications in Physics, 2017, 27, 181. | 0.0 | 0 |
| 139 | Neutron Total Cross Sections and Resonance Parameters of Palladium. Nuclear Science and Engineering, 2016, 183, 286-297. | 0.5 | 5 |
| 140 | Measurement of the double-differential inclusive jet cross section in proton-proton collisions at $\sqrt{s} = 13$, ext {TeV} s = 13 TeV. European Physical Journal C, 2016, 76, 451. | 1.4 | 55 |
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